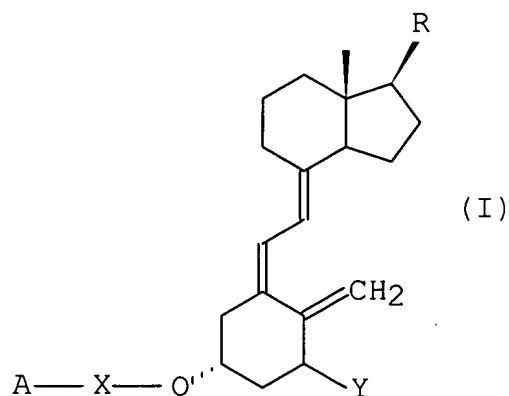


**Abstract of the Disclosure**

Vitamin D compounds of formula (I) with a label attached to a spacer group in the 3 position are disclosed.



In the above formula (I), X is an optionally substituted hydrocarbon group with a length of 0.8-4.2 nm, optionally containing the heteroatoms S, O, N or P; Y is H or OH; A is a label capable of binding with high affinity to a protein; R is an optionally substituted hydrocarbon side chain of a D vitamin or a D vitamin metabolite. Also disclosed is the preparation of formula (I).